

MATERIAL SAFETY DATA SHEET

Natural Guard Insecticidal Soap RTU

Manufacturer: Voluntary Purchasing Groups, Inc.
PO Box 460
Bonham, TX 75418

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Supersedes: July 12, 2001
Telephone: 903-583-5501

I. PRODUCT INFORMATION

Product: Insecticidal Soap RTU
Chemical Family: Insecticidal Soap, vegetable oil salts

II. HAZARDOUS INGREDIENTS

<u>Components</u>	<u>%</u>	<u>Hazard Information</u>
Potassium salts of fatty acids	1	Eye irritant

III. PHYSICAL AND CHEMICAL CHARACTERISTICS (FIRE AND EXPLOSION DATA)

Boiling Point, °C:	~100
Vapor Pressure (mm Hg):	NAV
Vapor Density (Air = 1):	NAV
Solubility in Water:	soluble
Appearance and Odor:	clear, pale amber liquid
Flash Point (°C):	N/A
Specific Gravity, 25°C:	1.00
pH:	9.5-9.7
Extinguishing Media for Fires:	water, foam or CO ₂
Special Fire Fighting Procedures:	self contained breathing apparatus
Unusual Fire and Explosion Hazards:	none

N/A - not applicable, NAV - not available, ca. - approximately

IV. PHYSICAL HAZARDS

Stability:	stable
Materials to Avoid:	strong oxidizing agents
Hazardous Decomposition Products:	carbon oxides may form upon burning
Hazardous Polymerization Conditions:	none

V. HEALTH HAZARD DATA

TLV: NAV	OSHA PEL NAV:	LD ₅₀ (oral) >5000 mg/kg
LC ₅₀ (fish): NAV		
Carcinogen or Potential Carcinogen	NTP: no	IARC: no OSHA: no
Routes of Entry:	Inhalation, ingestion, eyes	
Skin:	May cause skin irritation (LD50 >5000 mg/kg)	
Eyes:	May cause irritation	
Ingestion:	May cause gastrointestinal irritation, nausea (LD50 > 5000 mg/kg)	
Inhalation	NA	
Effects of Overexposure:	Eyes/skin -prolonged exposure can cause redness, burning Ingestion-may cause nausea, vomiting	
Medical Conditions Aggravated:	Skin disorders	

VI. EMERGENCY FIRST AID PROCEDURES

Skin:	Rinse well with water
Eyes:	Rinse with water for 15 minutes. Seek medical assistance if irritation persists.
Ingestion:	Consult physician
Inhalation:	Remove to fresh air

VII. SPECIAL PROTECTION INFORMATION

Ventilation:	not required
Respiratory Protection:	not required
Eye Protection:	not required
Protective Gloves:	not required
Other Protective Equipment:	not required

VIII. SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Storage Recommendations:	none
Spill or Leak Procedures:	Material is slippery when spilled. Soak up with a solid absorbent and collect for disposal. Small amounts may be flushed with water.
Disposal Recommendations:	Dispose in accordance with local regulations.
